



1/29

SEQUENCE LISTING

<110> KUROKAWA, Masato
NAKAMURA, Hiroaki

<120> Wound dressing for accelerating epidermal regeneration

<130> 292US

<160> 49

<170> PatentIn version 3.1

<210> 1

<211> 3

<212> PRT

<213> Homo sapiens

<400> 1

Arg Gly Asp

1

<210> 2

<211> 5

<212> PRT

<213> Homo sapiens

<400> 2

Ile Lys Val Ala Val

1 5

<210> 3

<211> 5

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<400> 3

Tyr Ile Gly Ser Arg

1 5

<210> 4
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<220>
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<400> 4

Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
1 5 10

<210> 5
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<220>
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<400> 5

Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
1 5 10 15

Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala Gly Ala
20 25 30

Gly Ala Gly Ala Gly Ala Gly Ala
35 40

<210> 6
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<400> 6

Gly Ala
 1 5 10 15

Gly Ala
 20 25 30

Gly Ala
 35 40 45

Gly Ala
 50 55 60

Gly Ala
 65 70 75 80

Gly Ala
 85 90 95

Gly Ala
 100 105 110

Gly Ala
 115 120 125

Gly Ala Gly Ala Gly-Ala Gly Ala Gly Ala Gly Ala Gly Ala
 130 135 140

Gly Ala
 145 150 155 160

<210> 7

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<400> 7

Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser

1 5 10

<210> 8
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<400> 8

Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala
1 5 10 15

Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala
20 25 30

Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser
35 40 45

Gly Ala Gly Ala Gly Ser
50

<210> 9
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<220>
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<400> 9

Gly Ala Gly Ala Gly Ser Gly Ala Gly Ser Gly Ala Gly Ala
1 5 10 15

Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala
20 25 30

Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser

35

40

45

Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala
 50 55 60

Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala
 65 70 75 80

Gly Ala Gly Ser Gly Ala Gly Ser Gly Ala Gly Ser Gly Ala Gly Ser
 85 90 95

Gly Ala Gly Ala Gly Ser Gly Ala Gly Ser Gly Ala Gly Ser Gly Ala
 100 105 110

Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ser Gly Ala Gly Ser
 115 120 125

Gly Ala Gly Ser Gly Ala Gly Ser Gly Ala Gly Ser Gly Ala Gly Ser
 130 135 140

Gly Ala Gly Ala Gly Ser Gly Ala Gly Ser Gly Ala Gly Ala
 145 150 155 160

Gly Ser Gly Ala Gly Ala Gly Ser Gly Ala Gly Ser Gly Ala
 165 170 175

Gly Ala Gly Ser
 180

<210> 10

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<400> 10

Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
 1 5 10

<210> 11
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<400> 11

Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala
1 5 10 15

Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala
20 25 30

Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
35 40 45

Gly Ala Gly Ala Gly Tyr
50

<210> 12
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<400> 12

Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala
1 5 10 15

Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala
20 25 30

Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
35 40 45

Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala

50

55

60

Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala
 65 70 75 80

Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
 85 90 95

Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala
 100 105 110

Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala
 115 120 125

Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr
 130 135 140

Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala
 145 150 155 160

Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala Gly Ala Gly Tyr Gly Ala
 165 170 175

Gly Ala Gly Tyr
 180

<210> 13

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<400> 13

Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr
 1 5 10

<210> 14

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<400> 14

Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val
1 5 10 15

Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala
20 25 30

Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr
35 40 45

Gly Ala Gly Val Gly Tyr

50

<210> 15

<211> 180

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220

<223> aux

<400> 15

Section 3

1 5 10 15

20 25 30

35 40 45

50 55 60

65 70 75 80

Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr
 85 90 95

Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val
 100 105 110

Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala
 115 120 125

Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr
 130 135 140

Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val
 145 150 155 160

Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala Gly Val Gly Tyr Gly Ala
 165 170 175

Gly Val Gly Tyr
 180

<210> 16

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<220>

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<400> 16

Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
 1 5 10

<210> 17

<211> 54

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<220>

<223> auxiliary amino acid sequence (Y)

<400> 17

Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
1 5 10 15

Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
20 25 30

Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
35 40 45

Gly Ala Gly Tyr Gly Val
50

<210> 18

<211> 180

<212> PRT

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<223> auxiliary amino acid sequence (Y)

<400> 18

Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
1 5 10 15

Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
20 25 30

Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
35 40 45

Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
50 55 60

Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
65 70 75 80

Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
85 90 95

Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
 100 105 110

Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
 115 120 125

Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val
 130 135 140

Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr
 145 150 155 160

Gly Val Gly Ala Gly Tyr Gly Val Gly Ala Gly Tyr Gly Val Gly Ala
 165 170 175

Gly Tyr Gly Val
 180

<210> 19

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<400> 19

Asp Gly Gly Ala Ala Ala Ala Ala Gly Gly Ala Asp Gly Gly Ala
 1 5 10 15

Ala Ala Ala Ala Ala Gly Gly Ala Asp Gly Gly Ala Ala Ala Ala Ala
 20 25 30

Ala Gly Gly Ala Asp Gly Gly Ala Ala Ala Ala Ala Ala Gly Gly Ala
 35 40 45

<210> 20

<211> 18

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<400> 20

Asp	Gly	Gly	Ala	Gly									
1			5			10			15				

Gly Ala

<210> 21

<211> 72

<212> PRT

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<400> 21

Asp	Gly	Gly	Ala	Gly								
1			5			10			15			

Gly	Ala	Asp	Gly	Gly	Ala							
		20			25			30				

Ala	Gly	Gly	Ala	Asp	Gly	Gly	Ala	Ala	Ala	Ala	Ala	Ala
			35		40			45				

Ala	Ala	Ala	Gly	Gly	Ala	Asp	Gly	Gly	Ala	Ala	Ala	Ala
			50		55			60				

Ala	Ala	Ala	Ala	Ala	Gly	Gly	Ala
					65	70	

<210> 22

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<400> 22

Gly Val Pro Gly Val Gly Val Pro Gly Val
1 5 10

<210> 23

<211> 50

<212> PRT

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<400> 23

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
1 5 10 15

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
20 25 30

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
35 40 45

Gly Val

50

<210> 24

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<400> 24

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Gly
 1 5 10 15

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
 20 25 30

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
 35 40 45

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
 50 55 60

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
 65 70 75 80

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
 85 90 95

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
 100 105 110

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro
 115 120 125

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
 130 135 140

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
 145 150 155 160

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
 165 170 175

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val
 180 185 190

Pro Gly Val Gly Val Pro Gly Val
 195 200

<210> 25

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 25

Gly Gly Gly Gly Gly Gly Gly Gly Gly
1 5 10

<210> 26

<211> 40

<212> PRT

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<223> auxiliary amino acid sequence (Y)

<400> 26

Gly
1 5 10 15

Gly
20 25 30

Gly Gly Gly Gly Gly Gly Gly Gly
35 40

<210> 27

<211> 160

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 27

Gly
1 5 10 15

Gly Gly

20

25

30

Gly
 35 40 45

Gly
 50 55 60

Gly
 65 70 75 80

Gly
 85 90 95

Gly
 100 105 110

Gly
 115 120 125

Gly
 130 135 140

Gly
 145 150 155 160

<210> 28

<211> 10

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 28

Ala Ala Ala Ala Ala Ala Ala Ala Ala
 1 5 10

<210> 29

<211> 40

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 29

Ala
 1 5 10 15

Ala
 20 25 30

Ala Ala Ala Ala Ala Ala Ala Ala
 35 40

<210> 30

<211> 160

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 30

Ala
 1 5 10 15

Ala
 20 25 30

Ala
 35 40 45

Ala
 50 55 60

Ala
 65 70 75 80

Ala
 85 90 95

Ala
100 105 110

Ala
115 120 125

Ala
130 135 140

Ala
145 150 155 160

<210> 31

<211> 9

<212> PRT

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<400> 31

Gly Gly Ala Gly Gly Ala Gly Gly Ala
1 5

<210> 32

<211> 36

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 32

Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly
1 5 10 15

Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly
20 25 30

Ala Gly Gly Ala
35

<210> 33

<211> 180

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 33

Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly
1 5 10 15

Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly
20 25 30

Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala
35 40 45

Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly
50 55 60

Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly
65 70 75 80

Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala
85 90 95

Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly
100 105 110

Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly
115 120 125

Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala
130 135 140

Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly
145 150 155 160

Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly Ala Gly Gly
165 170 175

Ala Gly Gly Ala
180

<210> 34
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> auxiliary amino acid sequence (Y)

<400> 34

Gly Val Gly Val Pro Gly Val Gly Val Pro
1 5 10

<210> 35
<211> 50
<212> PRT
<213> Artificial Sequence

<220>
<223> auxiliary amino acid sequence (Y)

<400> 35

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly
1 5 10 15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val
20 25 30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly
35 40 45

Val Pro
50

<210> 36

<211> 200

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 36

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly

1 5 10 15

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val

20 25 30

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly

35 40 45

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val

50 55 60

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro

65 70 75 80

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly

85 90 95

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val

100 105 110

Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly

115 120 125

Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val

130 135 140

Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro

145 150 155 160

Gly Val Gly Val Pro Gly Val Gly Val Pro Gly Val Gly Val Pro Gly

165 170 175

Val Gly Val Pro Gly Val Gly Val Pro Gly Val Pro Gly Val
180 185 190

Gly Val Pro Gly Val Gly Val Pro
195 200

<210> 37

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 37

Gly Pro Pro Gly Pro Pro Gly Pro Pro
1 5

<210> 38

<211> 36

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 38

Gly Pro Pro Gly Pro Pro Gly Pro Pro Pro Gly Pro Pro Gly
1 5 10 15

Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Pro Gly Pro
20 25 30

Pro Gly Pro Pro
35

<210> 39

<211> 180

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 39

Gly Pro Pro Gly Pro Pro Gly Pro Pro Pro Gly Pro Pro Gly
1 5 10 15

Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Pro Gly Pro
20 25 30

Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Pro
35 40 45

Gly Pro Pro
50 55 60

Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro
65 70 75 80

Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro
85 90 95

Gly Pro Pro
100 105 110

Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro
115 120 125

Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro
130 135 140

Gly Pro Pro
145 150 155 160

Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro Gly Pro Pro
165 170 175

Pro Gly Pro Pro
180

<210> 40

<211> 9

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 40

Gly Ala Gln Gly Pro Ala Gly Pro Gly

1 5

<210> 41

<211> 45

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 41

Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly

1 5 10 15

Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro

20 25 30

Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly

35 40 45

<210> 42

<211> 180

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 42

Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly
 1 5 10 15

Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro
 20 25 30

Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln
 35 40 45

Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly
 50 55 60

Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro
 65 70 75 80

Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala
 85 90 95

Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly
 100 105 110

Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala
 115 120 125

Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly
 130 135 140

Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro Ala Gly
 145 150 155 160

Pro Gly Gly Ala Gln Gly Pro Ala Gly Pro Gly Gly Ala Gln Gly Pro
 165 170 175

Ala Gly Pro Gly
 180

<210> 43

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 43

Gly Ala Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln
1 5 10 15

<210> 44

<211> 60

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 44

Gly Ala Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly
1 5 10 15

Ala Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala
20 25 30

Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro
35 40 45

Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln
50 55 60

<210> 45

<211> 180

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 45

Gly Ala Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly
1 5 10 15

Ala Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala

20

25

30

Pro Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro
 35 40 45

Gly Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly
 50 55 60

Ala Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala
 65 70 75 80

Pro Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala Pro
 85 90 95

Gly Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala Pro Gly
 100 105 110

Ser Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala Pro Gly Ser
 115 120 125

Gln Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala Pro Gly Ser Gln
 130 135 140

Gly Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala Pro Gly Ser Gln Gly
 145 150 155 160

Ala Pro Gly Leu Gln Gly Ala Pro Gly Ala Pro Gly Ser Gln Gly Ala
 165 170 175

Pro Gly Leu Gln
 180

<210> 46

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 46

Gly Ala Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro

1 5 10 15

<210> 47

<211> 60

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 47

Gly Ala Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly
1 5 10 15

Ala Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly Ala
20 25 30

Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly Ala Pro
35 40 45

Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro
50 55 60

<210> 48

<211> 180

<212> PRT

<213> Artificial Sequence

<220>

<223> auxiliary amino acid sequence (Y)

<400> 48

Gly Ala Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly
1 5 10 15

Ala Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly Ala
20 25 30

Pro Gly Thr Pro Gly Pro Gln Gly Leu Pro Gly Ser Pro Gly Ala Pro
35 40 45

<210> 49
<211> 30
<212> PRT
<213> Artificial Sequence

<220>
<223> auxiliary amino acid sequence (Y)

<400> 49

Gly	Val	Pro	Gly	Val	Gly	Val	Pro	Gly	Val	Gly	Gly	Gly	Ala	Gly	Ala	
1															15	
Gly	Ser	Gly	Ala	Gly	Ala	Gly	Ser	Gly	Ala	Gly	Ala	Gly	Ser			
														20	25	30